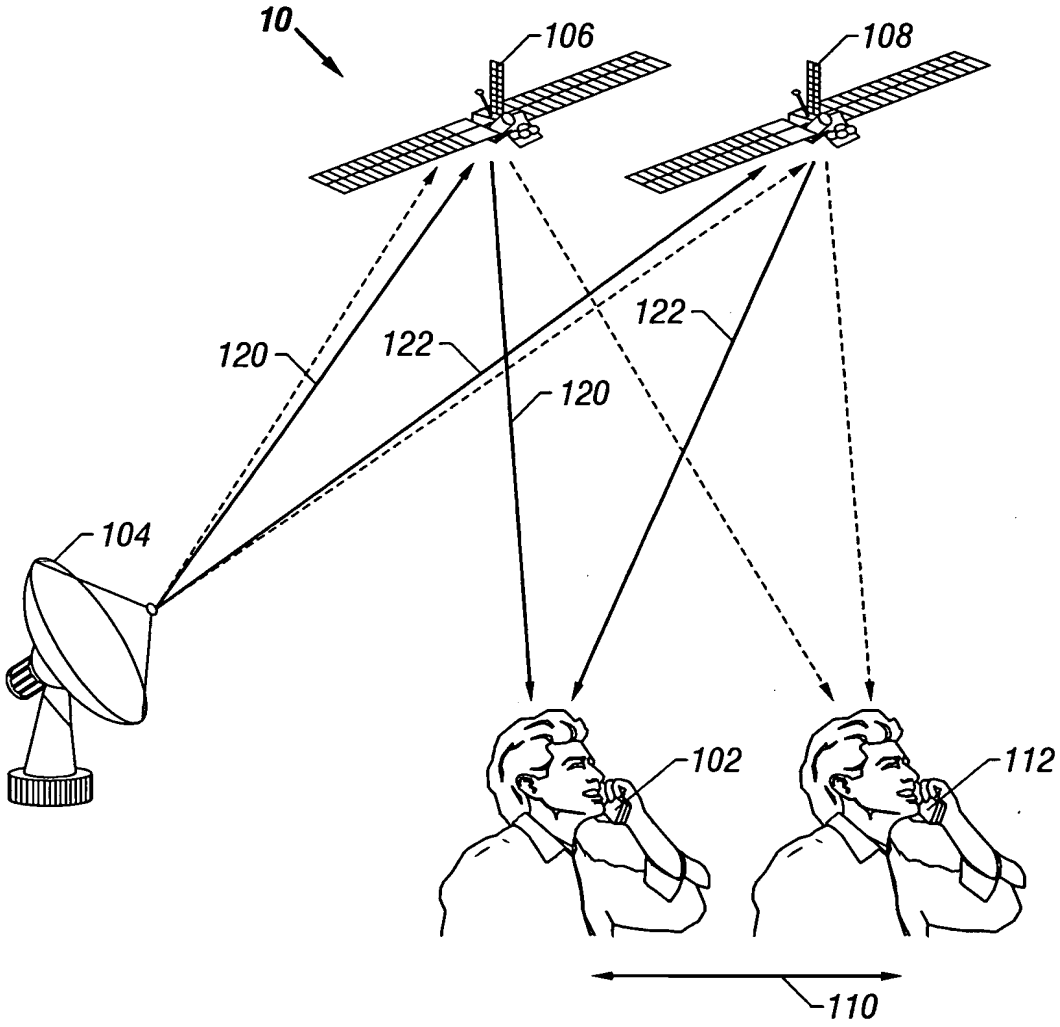

FIG. 1

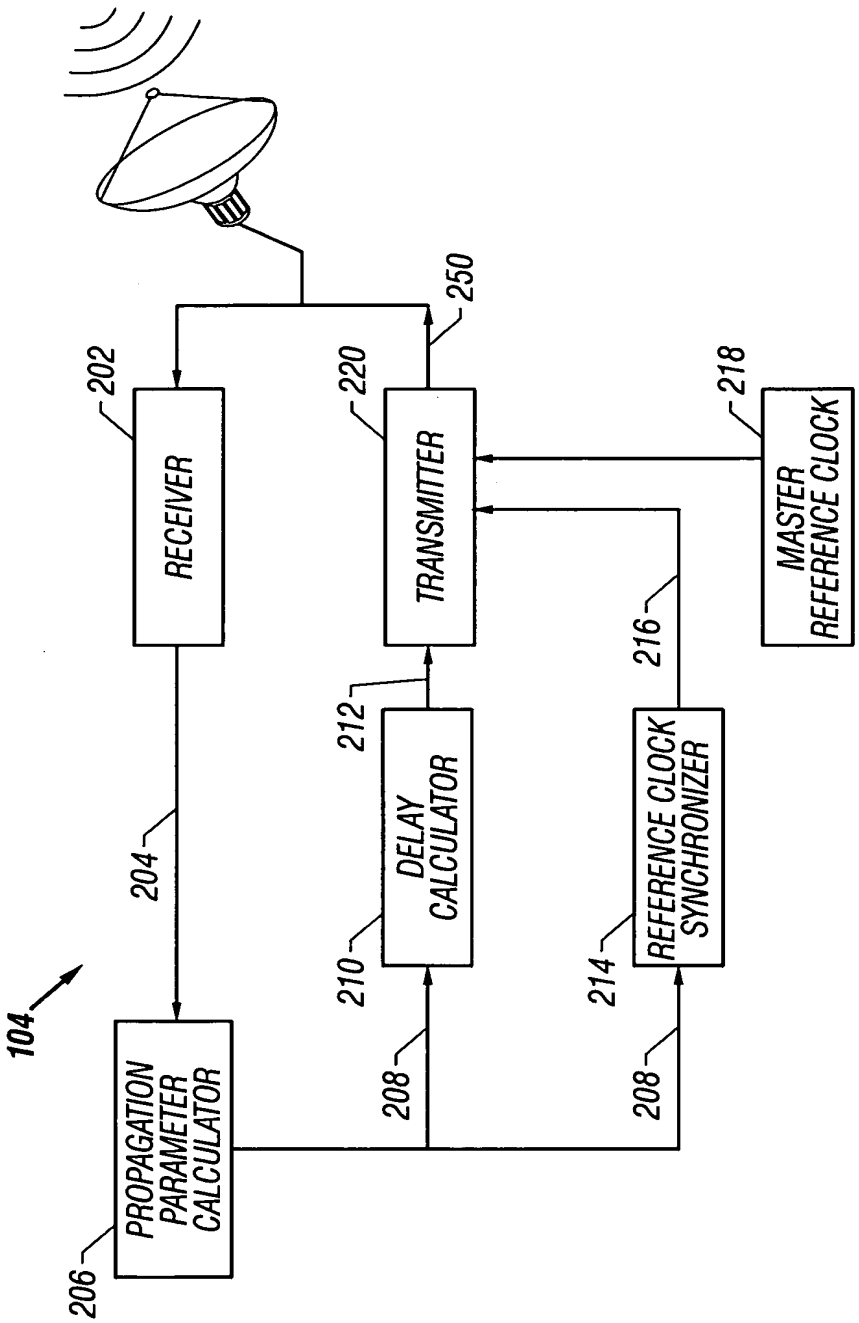
104
202
RECEIVER
204
206
PROPAGATION PARAMETER CALCULATOR
208
210
DELAY CALCULATOR
212
220
TRANSMITTER
250
208
214
REFERENCE CLOCK SYNCHRONIZER
216
218
MASTER REFERENCE CLOCK

FIG. 2

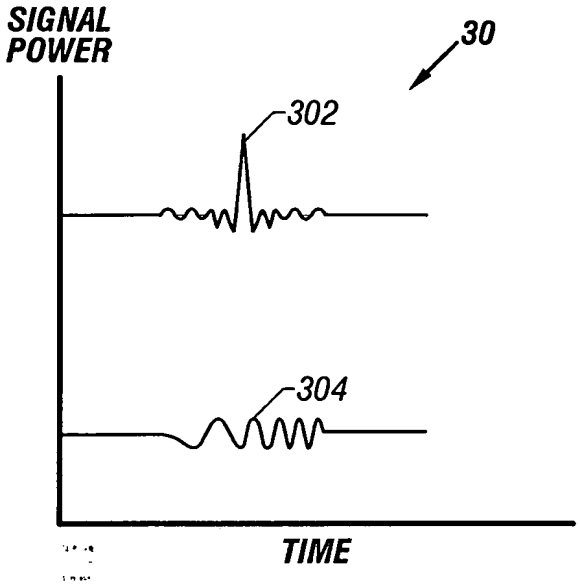

FIG. 3

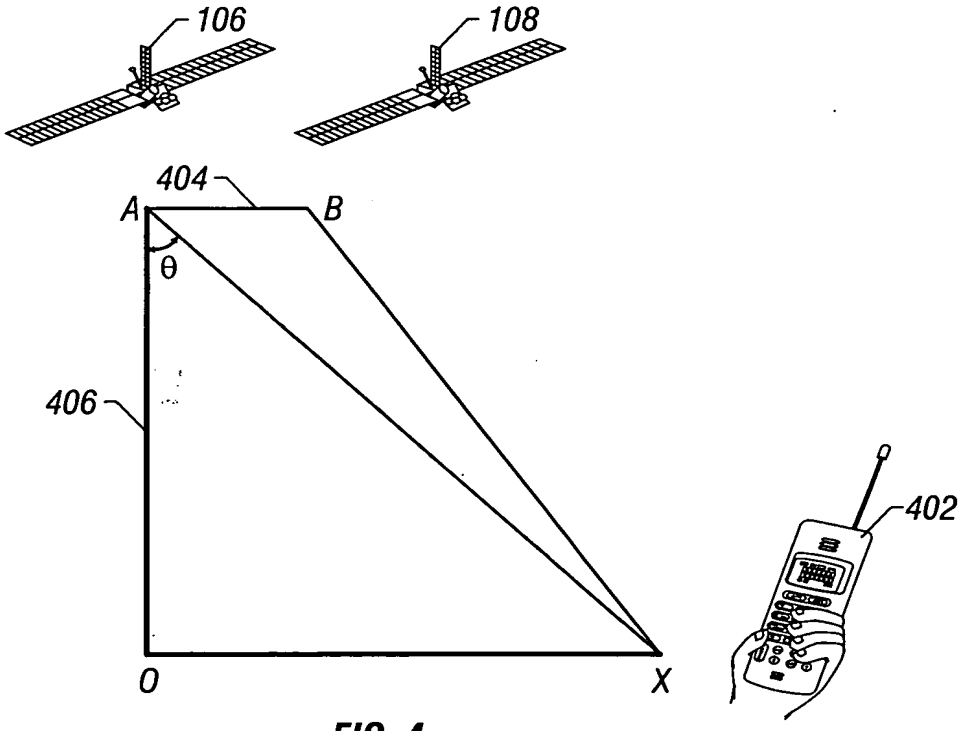

FIG. 4

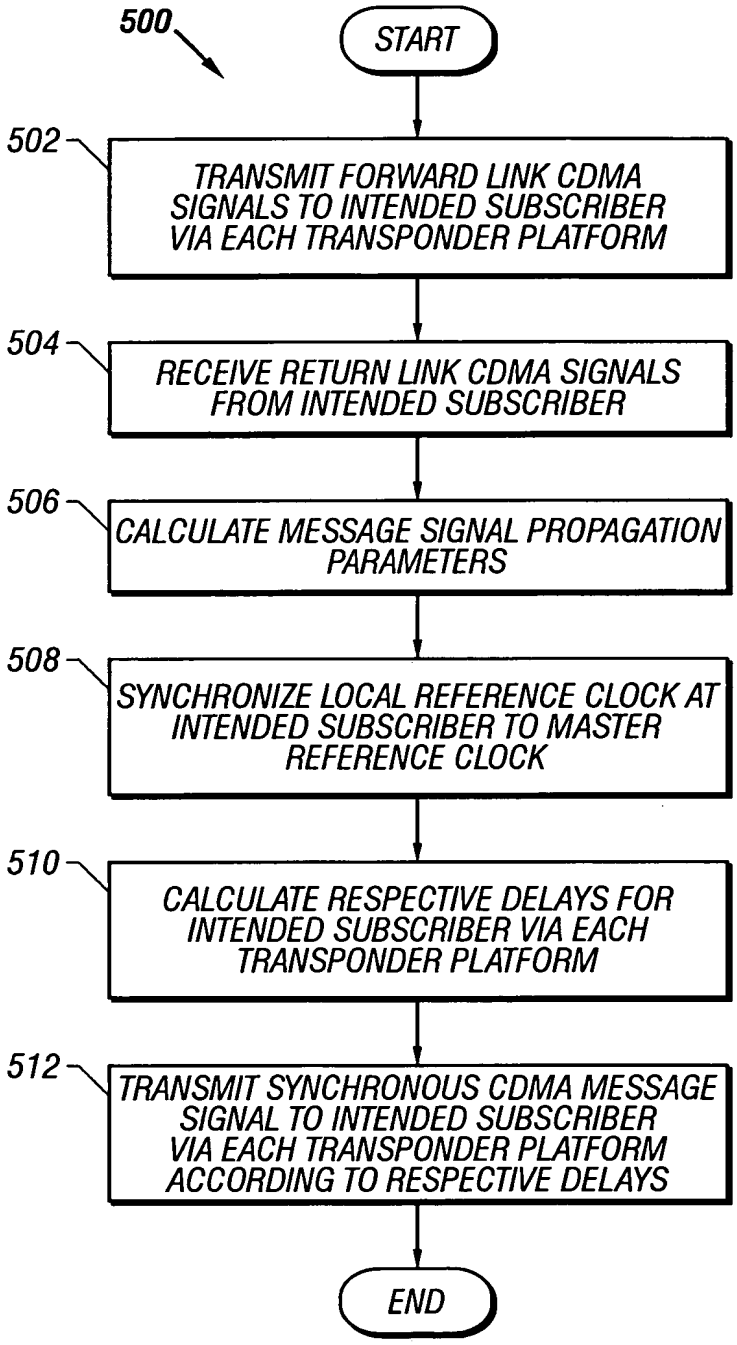
500
START
502
TRANSMIT FORWARD LINK CDMA SIGNALS TO INTENDED SUBSCRIBER VIA EACH TRANSPONDER PLATFORM
504
RECEIVE RETURN LINK CDMA SIGNALS FROM INTENDED SUBSCRIBER
506
CALCULATE MESSAGE SIGNAL PROPAGATION PARAMETERS
508
SYNCHRONIZE LOCAL REFERENCE CLOCK AT INTENDED SUBSCRIBER TO MASTER REFERENCE CLOCK
510
CALCULATE RESPECTIVE DELAYS FOR INTENDED SUBSCRIBER VIA EACH TRANSPONDER PLATFORM
512
TRANSMIT SYNCHRONOUS CDMA MESSAGE SIGNAL TO INTENDED SUBSCRIBER VIA EACH TRANSPONDER PLATFORM ACCORDING TO RESPECTIVE DELAYS
END

FIG. 5